

**IN THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of Claims:**

1 – 19. Canceled.

20(New). A method of communication in a frequency hopping wireless network comprising:

initiating communication from a master device to a slave device on a first channel; and  
responding to the master device from the slave device on the first channel.

21(New). A method according to claim 21, wherein the slave responding to the master device comprises:

transmitting a packet to the master device on the first channel, wherein the first channel is  
used for transmission during entire length of the packet.

22(New). A method according to claim 21, wherein the initiating communication from the master device comprises sending data to the slave device in a first time slot on the first channel, and the packet from the slave device is transmitted in a second time slot immediately following the first time slot on the first channel.

23(New). A method according to claim 20, wherein the wireless network is a Bluetooth wireless network.

24(New). A method according to claim 20, wherein the first channel is selected via a random hopping sequence.

25(New). The method of claim 20 wherein the first channel is selected via an intelligent frequency hopping sequence.

26(New). A system for communication in a frequency hopping wireless network comprising:

a master device; and

at least one slave device communicatively coupled to the master device, wherein the

master device is configured to initiate communication with the slave device on a first channel; and

the slave device is configured to transmit data to the master device on the first channel in response to the master device initiating the communication.

27(New). A system according to claim 26, wherein the slave device is further configured to:

transmit a packet to the master device on the first channel, wherein the first channel is used for transmission during entire length of the packet.

28(New). A system according to claim 26, wherein the master device is further configured to send data to the slave device in a first time slot on the first channel, and the slave device is further configured to transmit the packet in a second time slot immediately following the first time slot on the first channel.

29(New). A system according to claim 26, wherein the wireless network is a Bluetooth wireless network.